



# United States Department of the Interior

BUREAU OF RECLAMATION

Great Plains Region

Montana Area Office

P.O. Box 30137

Billings, Montana 59107-0137



IN REPLY REFER TO: MT-450

May 14, 2014

## **FAXOGRAM: Water Order Change**

To: Chief, Power Supply and Billing Division, WAPA, Watertown, South Dakota  
Attention: F-6300  
Chief, Power Dispatching Branch, WAPA, Loveland, Colorado  
Attention: J-4120  
Facilities Manager, Helena, Montana  
Attention: MT-800, MT-810, MT-831  
Project Manager, Mills, Wyoming  
Attention: WY-4000, WY-4100, WY-6400  
PPL Energy Plus, LLC, Butte, Montana  
Attention: Resource Coordinator, Deb Mallowney

From: Reservoir and River Operations, Billings, Montana /S/ Tim H. Felchle

Subject: **Canyon Ferry Water Release Order - CFR No. 14-21**

### **CURRENT RESERVOIR CONDITIONS:**

Elevation: 3779.14; Storage: 1,334,673 acre-feet; River Release: 8,400 cfs; Inflow: 8,240 cfs;

### **GENERAL COMMENTS:**

Helena Valley Irrigation District has requested an increase in diversions to Helena Valley Reservoir. In response the following operation change is required at Canyon Ferry Dam and Powerplant.

### **CANYON FERRY RELEASES AND OPERATIONS: Times are Mountain Daylight Savings Time (MDST)**

#### **At 1000 hour on Thursday, May 15, 2014:**

*Maintain releases through the river outlet gates at 0 cfs.  
Maintain releases through the spillway gates at 3,750 cfs.  
Maintain turbine release at  $\approx 4,070$  cfs ( $\approx 928$  MW-Hrs/day using 105.2 cfs/mw).  
Increase release for Helena Valley Project to 730 cfs (350 cfs pumped to Helena Valley and 380 cfs discharged to the Missouri River).  
Increase release to the Missouri River to 8,200 cfs.  
Increase total release from Canyon Ferry to 8,550 cfs.*

#### **At 0800 hour on Saturday, May 17, 2014:**

*Increase releases through the river outlet gates to 1,820 cfs.  
Decrease releases through the spillway gates to 0 cfs.  
Increase turbine release to  $\approx 6,000$  cfs ( $\approx 1370$  MW-Hrs/day using 105.2 cfs/mw).  
Maintain release for Helena Valley Project at 730 cfs (350 cfs pumped to Helena Valley and 380 cfs discharged to the Missouri River).  
Maintain release to the Missouri River at 8,200 cfs.  
Maintain total release from Canyon Ferry at 8,550 cfs.*